

Bayou Lafourche Fresh Water District



Water Resources Commission
December 8, 2016

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Director
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Bayou Lafourche Fresh Water District



- Who is BLFWD?
- Significance of Bayou Lafourche
- Current Projects & Future Plans



Who is the Bayou Lafourche Fresh Water District?

Established by the Legislature in 1950 to provide fresh water to the water purification facilities along Bayou Lafourche

Ascension Parish

Gene Harrell – Vice Chairman
Eli Miles, Jr.

Assumption Parish

Ron Animashaun
Gregory Nolan – Secretary - Treasurer

Lafourche Parish

Hugh Caffery – Chairman
Jacob Giardina
Francis Richard
Ray Mayet

Terrebonne Parish

Judge Jimmy Gaidry
Donald Schwab
Lance Authement
Chris Domangue



Bayou Lafourche Fresh Water District



History of Northern Bayou Lafourche



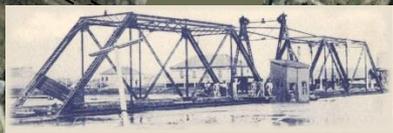
1850



1873



1904



1934

5'x 6' box
culvert



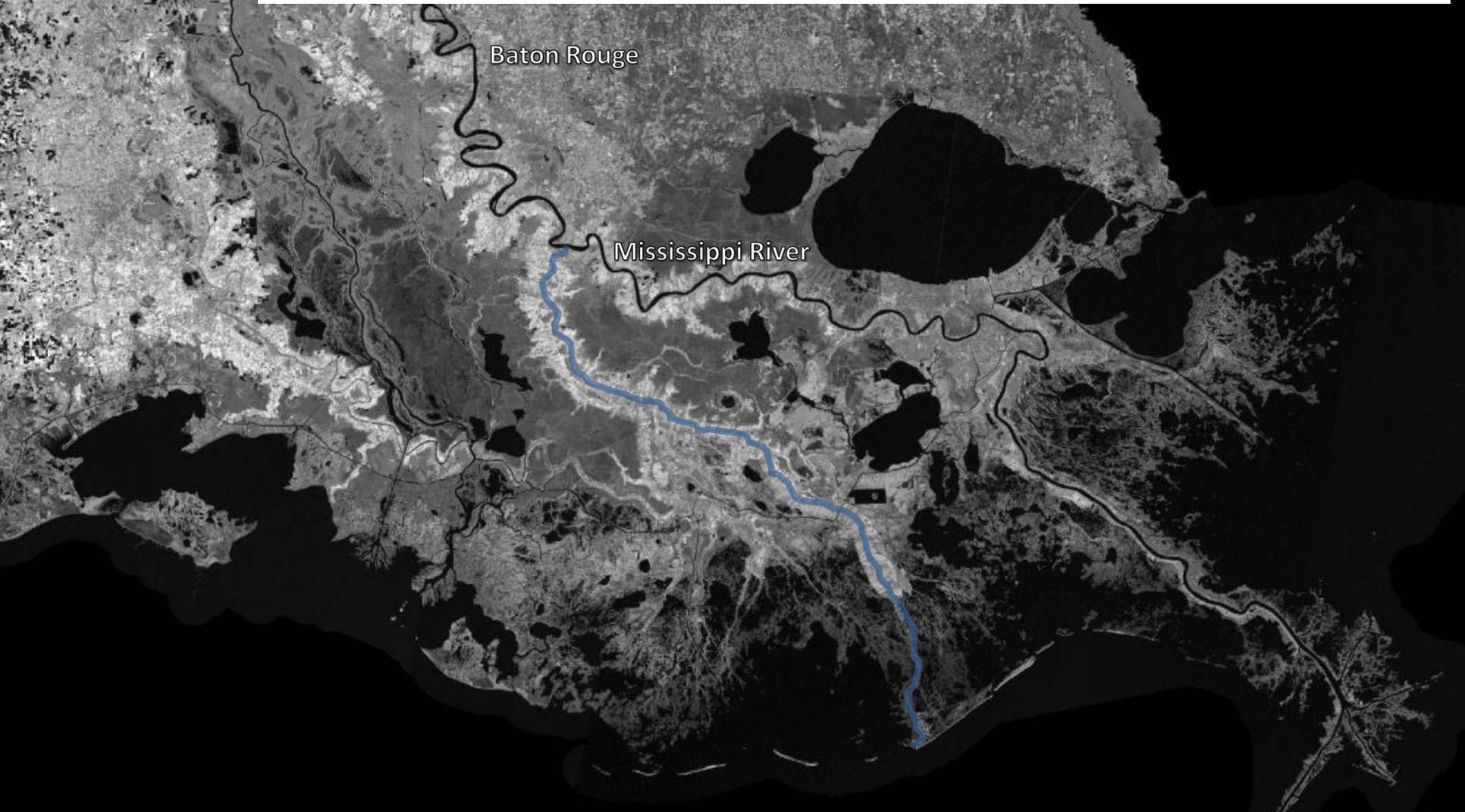
1955



Two
100" d
culverts



Mississippi River Water Reintroduction into Bayou Lafourche



Baton Rouge

Mississippi River

- 1993 – conceptual project proposed in the Louisiana Coastal Wetlands Restoration Plan.
- 1995 – EPA and BLFWD developed a more specific proposal included on CWPPRA PPL-5.
- 1996 – project is further refined and designated by CWPPRA as Project PBA-20.
- 1997 – Coastal Engineering and Environmental Consultants evaluates dredging templates and conveyance through eastern marsh alternatives.
- 1998 – EPA conceptually redesigns the project to include pumping capacity, a reduction of target flow to 1000 cfs, and bank stabilization.

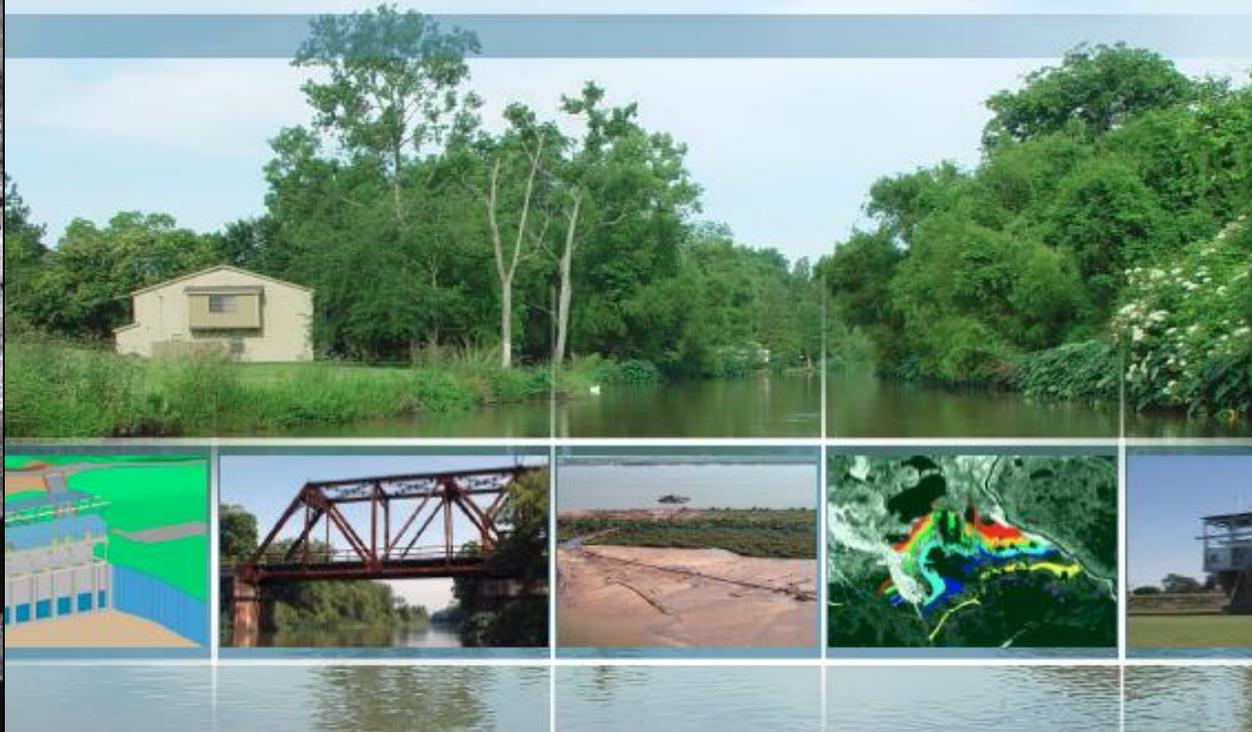
- 2001 – State of Louisiana agrees to fund 50% of cost share for E&D, CWPPRA agrees to proceed with Phase 1.
- November 2004– Project was identified in the USACE LCA Study.
- November 2005 – Phase 1 E&D completed, focusing on conveyance routes and hydraulic capacity. 144 alternatives were developed, evaluated, and reduced to 5 alternatives.
- March 2006 – Phase 2 E&D completed, focusing on evaluating 2 additional alternatives and modeling benefits, selecting final alternative (#38), and achieving 30% design level.
- August 2006 – CWPPRA votes to cease funding the project for further project design

- September 2006 – State of Louisiana commits to the project and independently fund 100% of the project E&D costs; begins scope and budget negotiations with E&D contractor.
- April 2007 – CH2M Hill initiates final E&D.
- August 2007 – LDNR internally reevaluates dredge template / permits / pump-only diversion structure and develops Early Action Project Path.
- September 2007 – LDNR enters into Cooperative Endeavor Agreement with BLFWD to purchase property at head of Bayou within the critical infrastructure corridor.
- October 2007 – CWPPRA deauthorizes BA-25b.

- September 2008– HURRICANE GUSTAV MAKES LANDFALL
- November 2008 – CPRA and BLFWD enter into a Cooperative Endeavor Agreement for “Phase 1” of the project.
- April 2009 – CPRA and BLFWD approve and accept final Plans and Specifications for Phase 1.
- November 2009 – Construction begins on Phase 1 Project.
- November 2011 – Substantial Completion of Construction

Final Phase 2 Design Report

Mississippi River Water Reintroduction Into Bayou Lafourche



Prepared for



March 2006

Prepared by



In association with:
T. Baker Smith, Inc.
FTN Associates, Ltd.
Eustis Engineering Company, Inc.
Jaymac Consultants
C-K Associates, Inc.

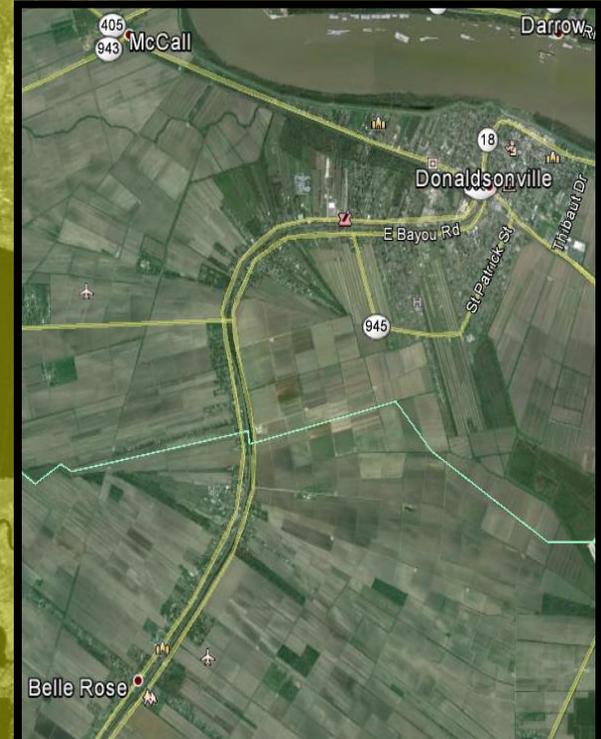
MAJOR PROJECT COMPONENTS of MRRBL



IMPLEMENTED PROJECTS

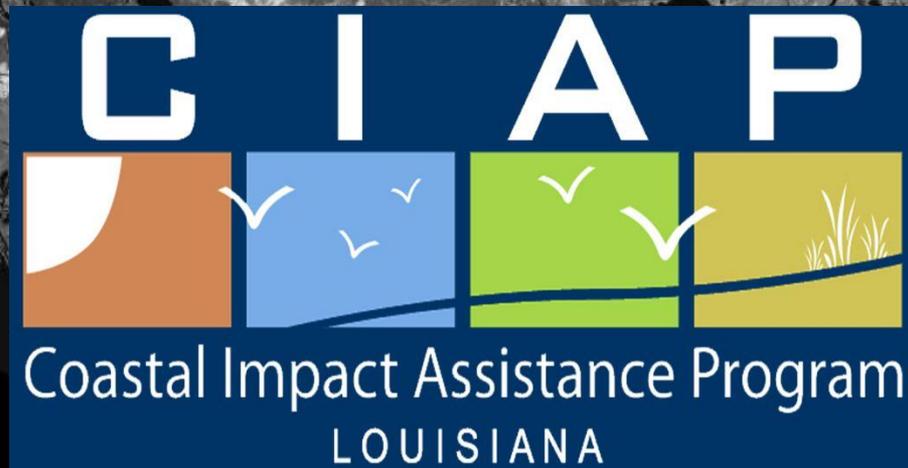


Pump Station Upgrades - \$4 million

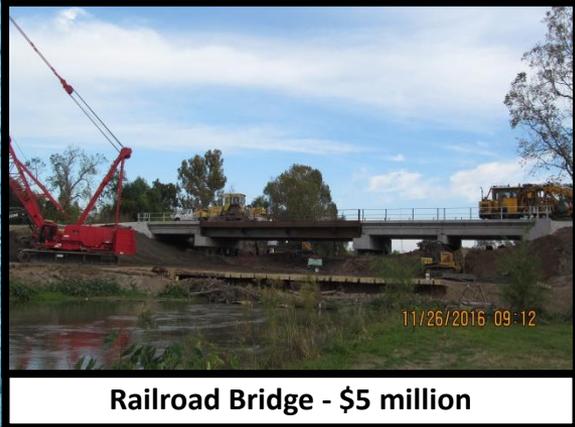


Channel Dredging - \$20 million

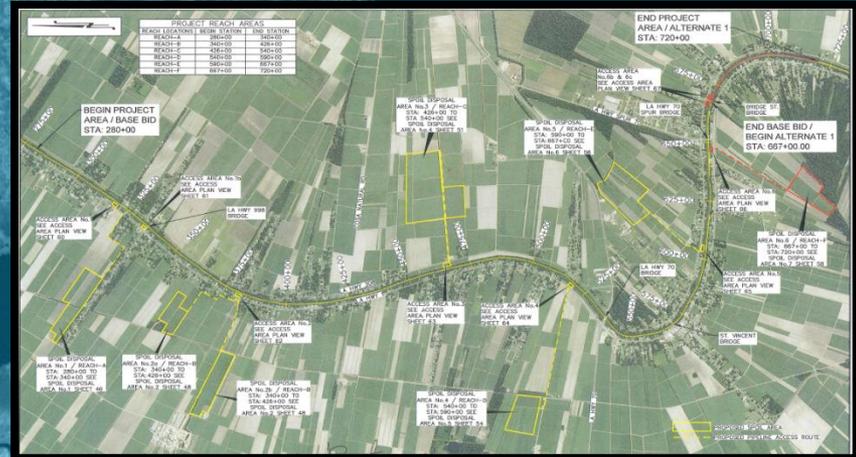
Projects Underway



Construction Projects Underway



Railroad Bridge - \$5 million



Channel Dredging - \$25 million



Saltwater Control Structure - \$4 million



Donaldsonville Drainage - \$1 million





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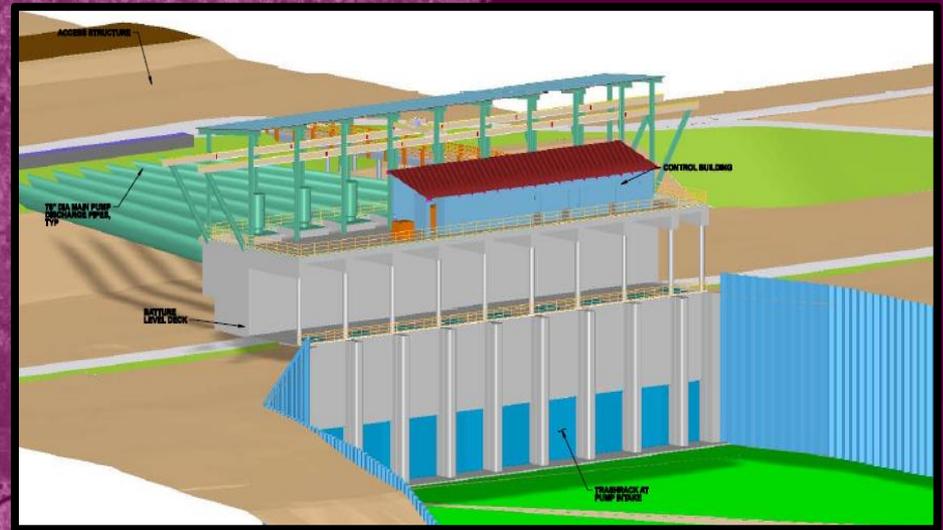
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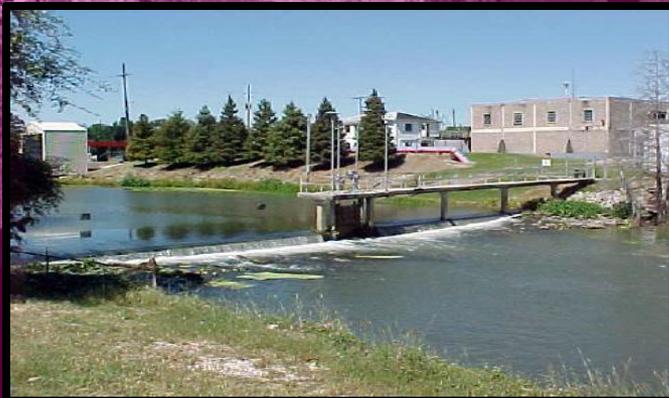
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Engineering Projects Underway



Pumping Capacity Improvements - \$TBD



Thibodaux Weir Removal- TBD

What's Next for MRRBL

- Continuation of Dredging from Napoleonville to Thibodaux
- Construction of New Pump Station
- Removal of the Thibodaux Weir
- Construction of Water Control Structures



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Contact Us

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